

Beyond 1:1

Technology in the Margins



- * Earlham
- * 1 building with 700 Students W of DM
- * All teachers have MacBooks, an iPad, a doc cam and a SMART board in their room. We have 5 iPads in every classroom K-3 and 5 MacBooks in every room grade 3-6. We also have 2 SMART tables, a green screen room and a 3D printer.
- * 1:1 grades 7-12 since Sep, 2011

Technology in the Margins

- * At some point, you have built a technology system that adequately addresses all of your core classes
- * Teaching With Technology
- * This is when it's time to start surrounding kids with technology in the rest of their day

Suggestions

- **Leadership**
- **Technology Committee**
- **Technology Plan**
- **Constant Funding Source**

Low Hanging Fruit

- Solid Technology Committee
- Attack Learning Modalities
- Ergonomics
- Look at your website

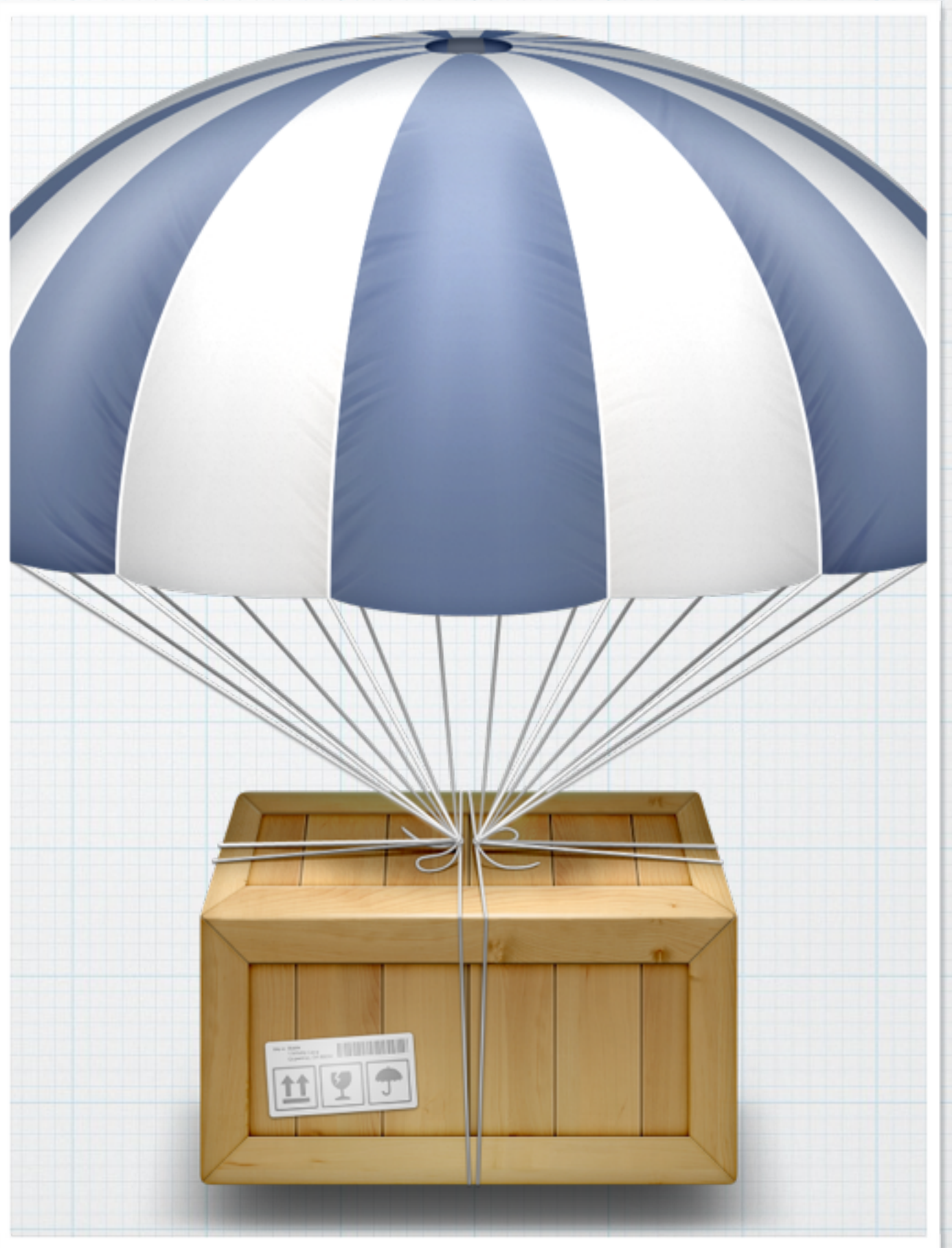


Some things to think about

- * Have a solid tech team
 - * parents, students, administrators, and community members
- * State survey of 29 Schools:
 - * We spend on average \$150.66 per student on technology. Earlham is \$428.99
 - * Bandwidth per student is .09 mbps | Earlham .07 mbps
 - * On average, a technician in Iowa is responsible for 653 devices

Ergonomics

- iPads
- Splashtop
- Redcat Audio
- Airplay/Airdrop



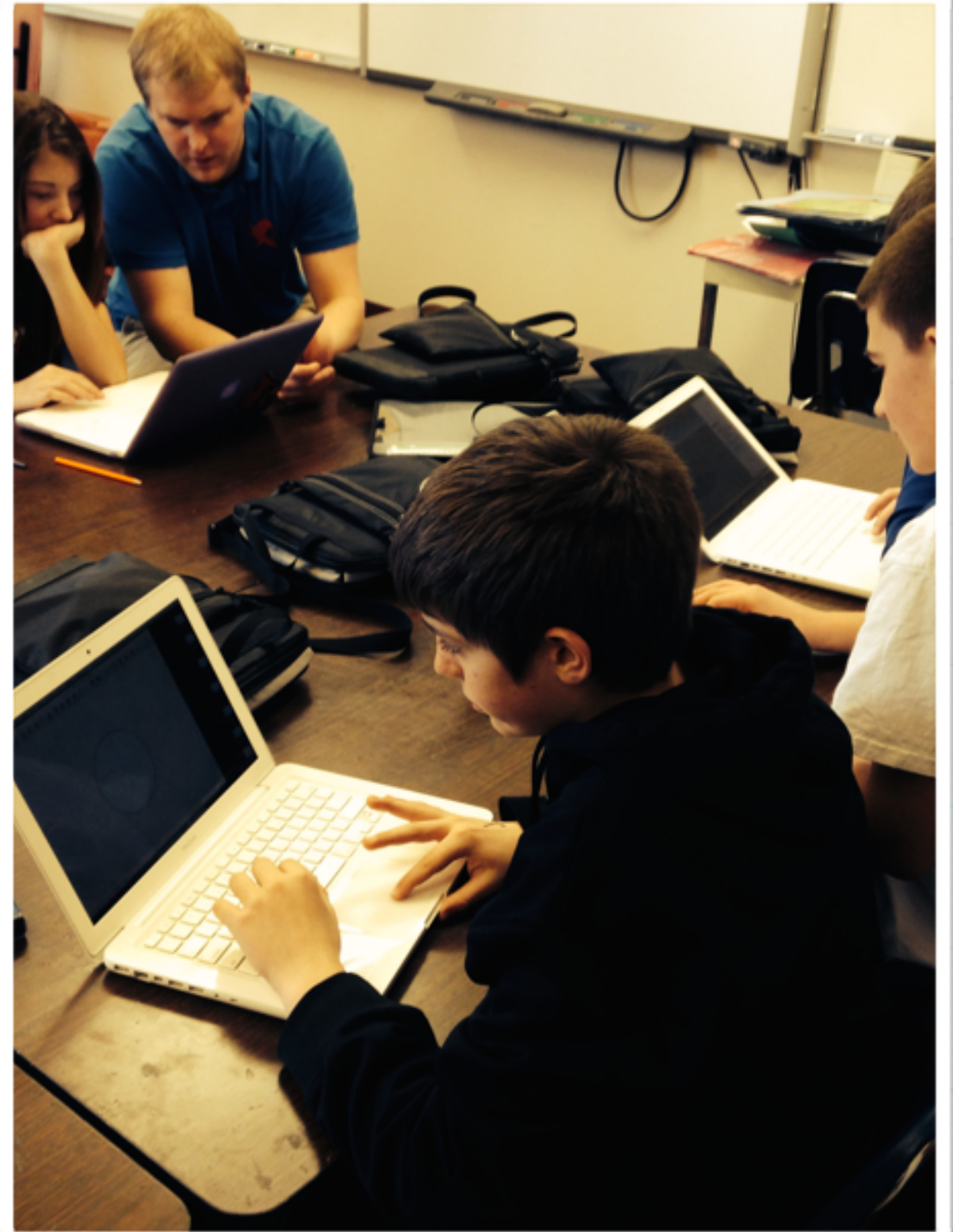
Attack Learning Modalities

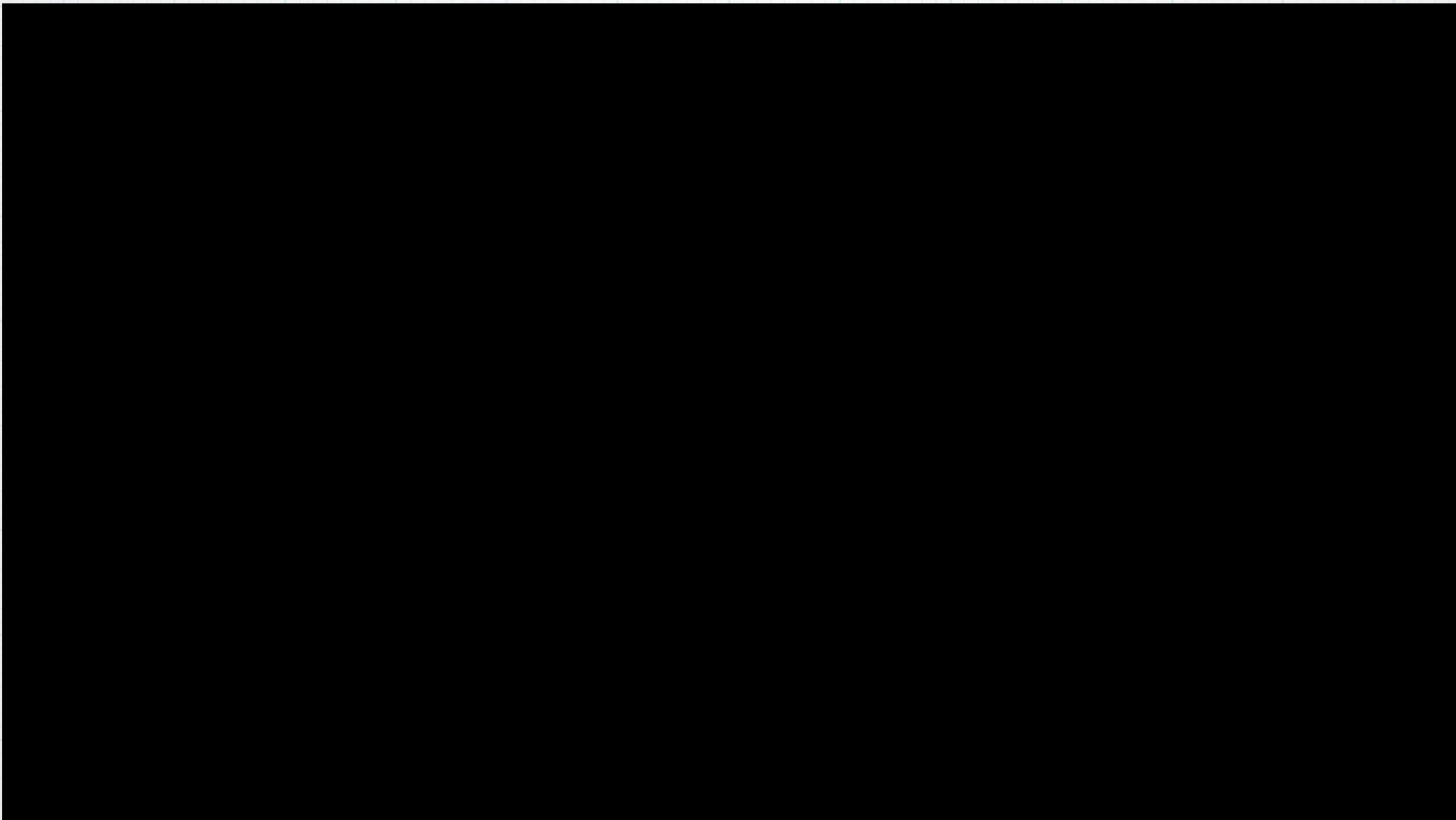
- * Visual
- * Audio
- * Tactile



Art

STOMO
3D Printer
Adobe CS
1 2 3D Sculpt





QuickTime Player File Edit View Window Help

Edgenuity for Educators – Select Course

Edgenuity for Educators – Select... x SchoolMessenger: Broadcasts x

learn.education2020.com/educator/AdminTools/SelectClass.aspx

Google

Edgenuity Educators

Logged in as Crystal Hale School: EARLHAM COMM SCHOOLS

MANAGE STUDENTS

- Dashboard
- Select Student
- Add Student
- Reviews Required

ADMINISTRATIVE TOOLS

- Select Course
- Update My Info
- Calendar

TOOLS AND REPORTS

- Attendance Log
- Current Sessions
- Course Structure
- Group Progress
- Recent Actions
- Standards Alignment
- Communications

SUPPORT

- Contact Edgenuity
- Teacher Resources

Log Off

AVAILABLE COURSES

•Select Enrolled Students •Average Scores •Add Course to Group

Edit	SCBID	Name	Subject	Type	Grade	Students
<input type="radio"/>	4038441	3D Art I - Modeling - EL5717	Electives		9th	
<input type="radio"/>	4038423	3D Art II - Animation - EL5718	Electives		9th	
<input type="radio"/>	1635614	6th Math - MA1098	Math		6th	
<input type="radio"/>	7173282	7th Grade General Science - EMS 7th Grade 1 2-13	Science		7th	
<input type="radio"/>	7173306	7th Grade General Science - EMS 7th Grade 1 2-13 (School year 13-14)	Science		7th	
<input type="radio"/>	4921513	7th Grade General Science - EMS 7th Grade 1 2-13 1st Semester	Science		7th	
<input type="radio"/>	1635615	7th Math - MA1099	Math		7th	
<input type="radio"/>	4922357	8th Grade General Science - EMS 8th Grade 1 2-13 1st Semester	Science		7th	
<input type="radio"/>	1635680	ACT English I	Language Arts		12th	
<input type="radio"/>	1635681	ACT English II	Language Arts		12th	
<input type="radio"/>	1635682	ACT Math I	Math		12th	
<input type="radio"/>	1635683	ACT Math II	Math		12th	
<input type="radio"/>	1635684	ACT Math III	Math		12th	
<input type="radio"/>	1635678	ACT Reading I	Language Arts		12th	
<input type="radio"/>	1635679	ACT Reading II	Language Arts		12th	

1 2 3 4 5 6 7 8 9 10 ...

At-Risk Students

e2020 and School Messenger

It's good use of technology if it:

- engages learners
- communicates with stakeholders
- or evaluates students or systems

PE

Spreadsheets (PE teachers
have access to more data
than ANY other teacher)

Devices
Video



B	C	D	E	F	G	H	I	J	K
Pullups/Hang	Push-ups Fall 13	Pushup Spring 14	Push Up Diff	Mile	Shuttle	Sit and reach	Sit Ups Fall 13	Sit Ups Spring 14	Sit Up Diff
3	30	40	10	8:10:00	9.3	30	50	42	-8
0	5	6	1	13:28:00	12.1	20	28	30	2
0	1	2	1	14:12:00	13.4	33	32	34	2
19 sec	14		-14	11:51:00	10.9	43	40		-40
0	0		0	16:02:00	11.3	42	14		-14
0	5	5	0		13.1	28	30	30	0
7 sec	16	17	1	7:20:00	10.3	32	49	41	-8
17 sec	12	13	1	8:26:00	11	36	39	35	-4
0	12	10	-2	10:00:00	11.4	19	29	36	7
7 sec	10	11	1	9:19:00	11.7	23	42	38	-4
3	20	5	-15	8:31:00	9.5	36	47	48	1
0	1	7	6	15:45:00	11.5	22	13	21	8
0	20	22	2	13:00:00	10.7	34	23	40	17
4	49	50	1	8:48:00	8.7	30	31	40	9
1 sec	14		-14	11:11:00		31	32	35	3
9 sec	10		-10	11:51:00	11.6	31	36	30	-6
10	20	30	10	8:05:00	9.8	50	59	50	-9
5	10	2	-8	10:35:00	9.3	26	42	45	3
0		12	12	12:16:00	1		42	45	3
15	41	43	2	7:17:00	9.6	25	45	44	-1
4 sec	10	12	2	8:35:00	10.1	20	45	43	-2
0	18	20	2	10:13:00	10.4	20	37	47	10
18	50	54	4	6:03:00	9.3	31	45	44	-1
5 sec	24	21	-3	12:13:00	10.5	36	49	51	2
0	1	2	1	15:45:00	11	23	24	26	2
1 sec	2	0	-2		11.4	18	34	40	6
18	0	2	2	13:58:00	11.5	7	30	33	3
2	14	15	1	12:28:00	11.3	14	33	48	15
9	25	27	2	10:20:00	10.5	16	39	52	13
12 sec	10	11	1	11:11:00	10.6	28	49	32	-17
4 sec	7		-7	14:49:00	12.1	29	24		-24
5 sec	12		-12	11:51:00	11.2	33	37		-37
0	13	14	1	13:48:00	10.6	33	47	47	0
10 sec	16		-16	13:20:00	11.3	30	35		-35



Green Screen

Intruder Drill PSA



Green Screen

Elementary Kids



Athletics

Athletics

Hudl



Coaches
Eye





Using Technology with the Athletes

Students have their workouts on Google docs spreadsheets and the coaches help monitor their progress.

High School Cube

<http://www.highschoolcube.com/>

Jeff Taliaferro

jtaliaferro@highschoolcube.com

515-707-1354

Doctopus

QuickTime Player File Edit View Window Help

20 Presenting at x My Drive - G x Weightlifters x Weightlifting x Weightlifters x 2014 Iowa 1: x 2014 Iowa 1: x @teresamwai x Intruder PSA x Intruder PSA x

https://docs.google.com/a/ecsdcards.com/spreadsheets/d/115TN8BgILKch8SYqiy7jjQrRV54regBxeYiXRreM2gl/edit#gid=855083288

Apps Inside IPs AEA IP Addresses SpeedTest Iowa 1:1 Institute -

Weightlifting Spring Phase choughton@ecsdcards.com Comments Share

File Edit View Insert Format Data Tools Add-ons Help All changes saved in Drive

123 Arial 20

Justin Johnson							Spring Offseason Week 5-6			
	H. Clean	Squat	Bench	Mil	Deadlift	Total				
Justin Johnson	225	325	200	145	250					
Day 1							Day 2			
A1 Deadlift	115 x5						Bench Press	90 x5		
	170 x5							135 x5		
	180 x5							145 x5		
	190 x5 or more							155 x5 or more		
A1 Military Press	65 x5						A1 Front Squat	3 sets x 8		
	100 x5									
	105 x5						A2 Pushups	4 sets x 10-20		
	110 x5 or more									
A2 Pullups (vary grip)	3 sets x 8-10									
DB Step Ups	3 sets x 6ea.						B1 Curls	3 sets x 10		
DB Row	3 sets x 10						B2 Handcraunch	3 sets x 10-20		

Copy of Spring Max 2014 Copy of 5 3 1 Spring Week 1-2 Copy of 5 3 1 Spring Week 3-4 Copy of 5 3 1 Spring Week 5-6 Copy of 5 3 1 Spring Week 7-8 Copy of 5 3 1 Inseason

Media Class Equipment.xlsx Tentative Agenda forpdf photo 1.JPG photo 2 (2).JPG Show All

Mac OS X dock with icons for Finder, Safari, iTunes, System Preferences, Terminal, Mail, Google Chrome, and others.



Music
smartmusic®

Cory Houghton

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@houghtonclass